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Kemeco ST4311AHP

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INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Kemeco ST4311AHP LED Cast Aluminum Solar Lamp Post Light with Planter. This solar-powered lamp post is designed to illuminate outdoor areas such as gardens, yards, pathways, and driveways without the need for electrical wiring. It features a classic design with a planter base, combining aesthetic appeal with environmental performance.



Image: The Kemeco ST4311AHP solar lamp post light with a planter base, shown in an outdoor setting.

SAFETY INFORMATION

- Ensure all components are securely fastened during assembly to prevent tipping.
- Place the lamp post in an area that receives direct sunlight for optimal charging performance. Avoid shaded areas or proximity to other strong night-time light sources, which can interfere with the automatic dusk-to-dawn sensor.
- The planter base should be filled with soil, stones, or other ballast material to provide stability, especially in windy conditions.
- Do not attempt to modify or disassemble the solar panel or LED light unit beyond the instructions provided in this manual.
- Keep rechargeable batteries away from extreme temperatures and direct flame. Dispose of old batteries responsibly

according to local regulations.

- This product is designed for outdoor use only.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Kemeco ST4311AHP Solar Lamp Post Light unit (includes lamp head, posts, base, and planter)
- 3 x Rechargeable Ni-MH AA Batteries (1.2V 2300 mAh)
- Assembly Screws and Hardware
- 1 x User Manual

Note: Flowers and plants for the planter are not included.

SETUP AND INSTALLATION

The Kemeco ST4311AHP is designed for straightforward assembly. No electrical wiring is required.

- 1. Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface. Identify the lamp head, top post, middle post, bottom post, base, planter, and hardware.
- 2. Initial Battery Charge:** Before first use, ensure the solar lamp is placed in direct sunlight for at least 24 hours with the ON/OFF switch in the "OFF" position to allow the batteries to fully charge.
- 3. Assemble the Post:**
 - Attach the bottom post to the base using the provided screws.
 - Connect the middle post to the bottom post.
 - Connect the top post to the middle post.
 - Finally, attach the lamp head to the top post. Ensure all connections are secure.
- 4. Attach to Planter:** Secure the assembled lamp post into the planter base. The planter is designed to provide stability.
- 5. Fill Planter for Stability:** To ensure maximum stability and safety, fill the planter with a suitable ballast material such as soil, sand, or decorative stones. This is crucial, especially in areas prone to wind.
- 6. Positioning:** Choose an outdoor location that receives at least 6-8 hours of direct sunlight daily. Avoid placing the lamp post under trees, eaves, or near other light sources (like streetlights) that might prevent the solar panel from charging effectively or trigger the light sensor prematurely.

EASY INSTALLATION



Image: An exploded diagram illustrating the assembly of the lamp post components, including the head, posts, base, and planter, with labels for each part.

OPERATING INSTRUCTIONS

- Power On:** Locate the ON/OFF switch, typically found under the solar panel roof on the lamp head. Slide the switch to the "ON" position.
- Automatic Operation:** Once activated, the solar lamp post will automatically charge its internal batteries during the day when exposed to sunlight. At dusk, the integrated light sensor will detect low light conditions and automatically turn on the LED lights. The lights will remain on for approximately 6-8 hours, depending on the amount of sunlight received during the day, geographical location, and weather conditions.
- Power Off:** To turn off the light, slide the ON/OFF switch to the "OFF" position. This is recommended if storing the

unit or during extended periods of non-use.

AUTOMATIC DUSK to DAWN SOLAR POWERED



Image: A visual representation showing the solar lamp post charging in daylight and automatically illuminating at night.

MAINTENANCE

- **Solar Panel Cleaning:** For optimal charging efficiency, regularly wipe the solar panel surface with a damp cloth to remove dust, dirt, leaves, or other debris. A clean solar panel ensures maximum energy absorption.
- **Battery Replacement:** The rechargeable Ni-MH batteries have a limited lifespan. If the light duration significantly decreases, it may be time to replace the batteries. Use only specified Ni-MH rechargeable batteries (1.2V 2300 mAh AA type). Ensure correct polarity when inserting new batteries.
- **General Cleaning:** Clean the lamp post and glass panels with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or materials.
- **Winter Performance:** In colder climates, extreme cold can impact battery capacity and overall performance. Ensure the solar panel remains clear of snow and ice.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none">ON/OFF switch is in "OFF" position.Insufficient sunlight for charging.Solar panel is dirty or obstructed.Batteries are depleted or faulty.Light sensor is detecting ambient light.	<ul style="list-style-type: none">Ensure switch is in "ON" position.Relocate the lamp post to an area with direct sunlight.Clean the solar panel surface.Replace batteries with new rechargeable Ni-MH AA batteries.Move away from other light sources (e.g., streetlights, porch lights).
Light duration is short.	<ul style="list-style-type: none">Insufficient charging time/sunlight.Batteries are old or not fully charged.Extreme cold weather affecting battery performance.	<ul style="list-style-type: none">Ensure optimal solar panel exposure.Charge for 24 hours before first use. Consider replacing old batteries.Performance may be reduced in very cold conditions.
Lamp post is unstable.	<ul style="list-style-type: none">Planter not adequately filled.Loose assembly connections.	<ul style="list-style-type: none">Fill the planter with sufficient ballast (soil, sand, stones).Check and tighten all screws and connections.

SPECIFICATIONS

Model Number	ST4311AHP
Dimensions (L x W x H)	43.18 x 22.35 x 193.04 cm (17 x 8.8 x 76 inches)
Weight	5.9 kg (13 lbs)
Material	Cast Aluminum, Glass
LED Quantity	12 SMD LEDs
LED Color	Warm White (3000K)
Luminous Flux	130-150 lumens
Power Source	Solar Powered
Batteries	3 x 1.2V 2300 mAh Ni-MH AA Rechargeable (included)
Switch Type	Push-button ON/OFF
Usage	Outdoor Only
Waterproof Rating	IP65

WARRANTY

This Kemeco product is guaranteed against defects in material and workmanship for **one year** from the date of purchase. This warranty does not cover batteries. Please retain your proof of purchase for warranty claims.

SUPPORT

If you have any questions, require assistance with assembly, or encounter issues not covered in this manual, please contact Kemeco customer service. Refer to your product packaging or the retailer's website for specific contact information.

